

REMARKS

Applicant has carefully reviewed and considered the Office Action mailed on April 9, 2003, and the references cited therewith.

Claim 1 is amended, claims 3-9, 23-28, 30-33, and 36-39 are canceled; as a result, claims 1, 2, 10, 11, 29, 34, and 35 are now pending in this application.

§102 Rejection of the Claims

Claims 1, 2, 6 and 7 were rejected under 35 USC § 102(b) as being anticipated by Akram (U.S. 5,903,058). Claim 1 was amended to include all the limitations of objected to claim 9. Claim 9 depended directly from claim 1. This rejection is therefore mooted by the amendment.

§103 Rejection of the Claims

Claims 3-5, 8-11 and 29-35 were rejected under 35 USC § 103(a) as being unpatentable over Akram, and in further view of Nguyen (U.S. 6,495,449), Annala et al. (Physica Scripta, vol. T69, pp. 115-118 (1997)), and David et al. (U.S. 6,130,170).

All the rejected claims depended from claim 1. Claim 1 was amended to include all the limitations of objected to claim 9. Claim 9 depended directly from claim 1. Claims 3-9 and 30-33 were cancelled. This rejection is therefore mooted by the amendment.

Allowable Subject Matter

Claim 9 was objected to as being dependent upon a rejected base claim, but was indicated to be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Claim 1 was amended to include all the limitations of objected to claim 9. Claim 9 depended directly from claim 1. Claim 1 is therefore allowable.

Serial Number: 09/961034

Dkt: 884.522US1 (INTEL)

Filing Date: September 21, 2001

Title: COPPER-CONTAINING C4 BALL-LIMITING METALLURGY STACK FOR ENHANCED RELIABILITY OF PACKAGED STRUCTURES AND METHOD OF MAKING SAME

Assignee: Intel Corporation

Conclusion

Applicant respectfully submits that the claims are in condition for allowance and notification to that effect is earnestly requested. The Examiner is invited to telephone Applicant's attorney, John Greaves (801-278-9171), or the below signed attorney at (612-349-9592) to facilitate prosecution of this application.

If necessary, please charge any additional fees or credit overpayment to Deposit Account No. 19-0743

Respectfully submitted,

MADHAV DATTA ET AL.

By their Representatives,

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Date July 9, 2003

By Ann M. McCrackin
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CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: Commissioner of Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 9 day of July, 2003.

KACIA LEE

Name

Kacia Lee

Signature